

Rabbit anti-Human Pol Iota Polyclonal Antibody | anti-Pollota antibody

Rabbit anti-Pol Iota Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211408	Rabbit	Human	Immunoprecipitation, Western Blot

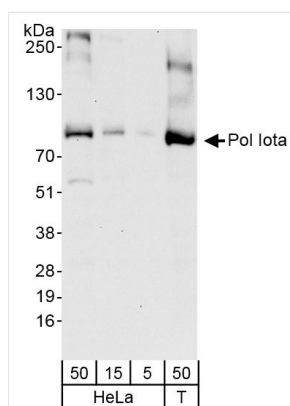
PRODUCT SYNONYMS

Pol Iota; Polyclonal Antibody; Rabbit anti-Pol Iota Antibody; Affinity Purified; polymerase (DNA) iota; RAD3OB; RAD30B; polymerase (DNA-directed); iota; polymerase (DNA directed) iota; eta2; DNA polymerase iota; RAD30 homolog B; anti-Pollota antibody

PRODUCT SPECIFICATIONS

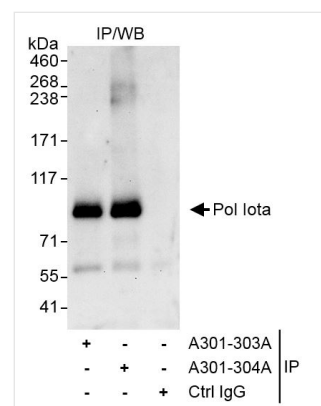
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Pollota antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Monkey, Gorilla, Chimpanzee
Immunogen	Between 690 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Pol Iota by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Pol Iota antibody AAA211408 (lot AAA211408-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Pol Iota by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Pol Iota antibody AAA211408 (lot AAA211408-1) used for IP at 3 ug/mg lysate. Pol Iota was also immunoprecipitated by rabbit anti-Pol Iota antibody which recognizes a downstream epitope. For blotting immunoprecipitated Pol Iota, AAA211408 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Pollota antibody	Pol Iota is a DNA polymerase involved in DNA repair and translesion DNA synthesis. Pol Iota is a member of the Rad30 family of DNA polymerases which exhibit low fidelity when replicating undamaged DNA, and in this context may play a role in the hypermutation of immunoglobulin genes. Pol Iota is also known as RAD30B and is a paralog of RAD30A, also known as Pol eta.
Product Categories/Family for anti-Pollota antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	154350220
NCBI GeneID	11201
NCBI Accession #	NP_009126.2
NCBI GenBank Nucleotide #	NM_007195.2
UniProt Accession #	Q9UNA4; Q8N590; Q9H0S1; Q9NYH6
Molecular Weight	83,006 Da
NCBI Official Full Name	DNA polymerase iota
NCBI Official Synonym Full Names	polymerase (DNA directed) iota
NCBI Official Symbol	POLI
NCBI Official Synonym Symbols	RAD30B; RAD3OB
NCBI Protein Information	DNA polymerase iota; eta2; RAD30 homolog B; polymerase (DNA-directed), iota
UniProt Protein Name	DNA polymerase iota
UniProt Gene Name	POLI
UniProt Synonym Gene Names	RAD30B
UniProt Entry Name	POLI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pol-iota-antibody-immunoprecipitation-western-blot-elisa/211408>